

**IBCH PAS RECRUITMENT PROCEDURE NO. 12/2022/SN
FOR THE POSITION OF A POSTDOCTORAL ASSISTANT PROFESSOR**

INSTITUTION: Institute of Bioorganic Chemistry, PAS
Laboratory of Genomics
CITY: Poznan
POSITION: Assistant professor (post-doc)
POSITIONS AVAILABLE: 1
SCIENTIFIC DISCIPLINE: biological sciences
PUBLICATION DATE: 29.04.2022
APPLICATION DEADLINE: **28.05.2022**
IBCH PAS WEBSITE: <https://www.ibch.poznan.pl/en.html>

KEY WORDS: genomics, transcriptomics, next generation sequencing (NGS), gene expression studies, statistical analysis of biomedical data

I. Expectations towards the candidates:

A candidate for the position of a postdoctoral assistant professor at the Laboratory of Genomics should have competences in the field of molecular biology and genetics, genomics and bioinformatics. He/she should be able to conduct large-scale DNA and RNA research, including both the experimental part (from the isolation of nucleic acids from biological material to the preparation of next-generation sequencing libraries) and the bioinformatics (identification and functional annotation of mutations, differential gene expression analysis, statistical analysis of NGS data in association with clinical data). The candidate is required to actively participate in the Institute's projects aimed at developing genomic infrastructure. Research is to be conducted at a high scientific level, using modern laboratory techniques and analytical approaches. It is expected that the research results will be published in renowned international scientific journals. Experience in the field of archaeogenomics will be an additional advantage of the candidate.

II. Requirements for the candidates:

1. The habilitation degree in biology or bioinformatics (in the case of foreign candidates, PhD degree).
2. Documented research output in the form of research papers, published in distinguishable research journals, in the field of molecular biology and genetics, genomics and bioinformatics.
3. Experience in team management and coordination of research and/or development projects.
4. Proficiency in spoken and written English.
5. Competences in the field of genomics and transcriptomics, allowing to carry out the entire process - from designing the NGS experiment, through its execution, to data analysis.
6. The abilities including: (i) identification of mutations in human exome and whole genome sequencing data; (ii) functional annotation of mutations; (iii) verification of the mutation presence using alternative methods; (iv) association of the mutation presence with the level of gene expression and clinical data (such as age, gender, survival time, subtype or stage of the disease); (v) determination of the level of expression of gene and their isoforms against the background of the whole transcriptome; (vi) verification of the expression level of selected genes by real-time PCR; (vii) visualization of the results; (viii) usage of biological databases.
7. Experience with the R Bioconductor environment.
8. Documented experience in the commercialization of scientific achievements, didactics in the field of molecular biology/genetics and bioinformatics, and popularization of science will be an additional advantage.

III. Required documents:

1. Letter of application to the Director of IBCH PAS.
2. Copy of the habilitation diploma or (in the case of foreign candidates) a doctoral diploma.
3. Scientific CV, including, *inter alia*, information on the candidate's research, teaching and organizational achievements, including:
 - the list of the most important scientific achievements;
 - the list of papers published in journals listed in the Web of Science (WoS) database, stating the corresponding author, IF in accordance with WoS, number of citations and the H-index;
 - list of inventions, patents and implementation studies;
 - list of bioinformatics programs and tools that the candidate can use;
 - information on the previously managed projects or participation in project implementation;
 - information on the accomplished research internships;
 - information about performed management functions;
 - information on the awarded prizes and distinctions.
4. Contact details of scientists who can issue references.

IV. Applications should be submitted via the eRecruiter portal at

<https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=0bd1f8a811304457b14887311d6e217c>

V. The submission deadline is 28.05.2022.

VI. Following preliminary verification on the basis of the application documents, selected candidates may be invited to an interview.

VII. The recruitment procedure shall be concluded no later than **03.06.2022**.

VIII. Employment shall take place in compliance with the provisions of the Labor Code of Poland.

IX. Conditions of employment:

- Position for a period of 12 months with the possibility of extension.
- Position is available from **01.06.2022**.
- Remuneration: PLN 5000 gross.

For additional information please contact the Director of the Institute of Bioorganic Chemistry, PAS, **prof. dr hab. Marek Figlerowicz** (tel. 618 52 89 19 or 618 52 85 03, int. 1106, 1103, marek.figlerowicz@ibch.poznan.pl)

Information clause:

Pursuant to the stipulations of the regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation), further referred to as GDPR, we hereby inform that:

- *The Institute of Bioorganic Chemistry, Polish Academy of Sciences, seated in Noskowskiego St. 12/14, 61-704 Poznan; REGON 000849327, NIP 777-00-02-062 is the administrator of the collected personal data (further referred to as the Institute).*
- *The Administrator appointed a Data Protection Officer, who can be contacted in writing, via traditional mail, by sending a letter to the following address: Z. Noskowskiego St. 12/14, 61-704 Poznan, or by sending an e-mail to: dpo@ibch.poznan.pl.*
- *The personal data of the candidates is processed for the purposes of fulfilling the tasks of the administrator, associated with conducting the recruitment procedure for a vacant position.*
- *The legal basis for processing personal data is the Act of 26 June 1974 – The Labor Code, Act of 30 April 2010 on the Polish Academy of Sciences or the consent of the person whose data shall be subjected to processing.*
- *Your personal data shall be subjected to processing for period of 3 months upon the date of decision of the recruitment committee. Following this period, the data will be irretrievably and effectively destroyed.*
- *The personal data of the candidates shall not be transferred to any third country.*
- *The person whose data shall be subjected to processing has the right to:*
 - *request access to his/her personal data, and to amend it or delete it, pursuant to articles 15-17 of GDPR;*

- *limit data processing, in the events stipulated in article 18 of GDPR;*
- *data transferring, pursuant to article 20 of GDPR;*
- *withdraw consent at any moment, without influencing compliance with the law of the processing that was executed prior to consent withdrawal;*
- *file a complaint to the Inspector General for Personal Data Protection.*

Providing personal data in the scope stipulated in article 22 (1) of the Act of 26 June 1974 – The Labor Code is mandatory, whereas providing data in a broader scope is voluntary and requires consent for its processing.